

Centre: **SWANAGE**  
Exam Board: **AQA A Level**

Dates: 2018

Group Numbers: +

	Morning	Afternoon		Evening
Day 1		Welcome & Orientation <b>Coastal Management</b> Swanage Beach	Dinner	<b>Methodology</b>
Day 2	<b>Ecosystems and Processes</b> Studland Sand Dunes	<b>Coastal Landscape Development</b> Old Harry Rocks	Dinner	<b>Data Presentation</b>
Day 3	<b>Changing Places</b> Swanage	Farewells and Depart		

## Day 1 Coastal Management - Swanage Beach

The group will investigate the processes taking place on a discordant coastline and look at the coastal defences in place on Swanage beach. They will evaluate their impact, efficiency, cost and longevity. Using various techniques, the group can collect data to allow us to assess the impact the defences are having on the processes. The data collected can then be used in the students' NEAs, if appropriate.

Techniques: Beach profile, pebble analysis, wind speed and direction, sand height at the groyne, float measurement, wave count, bipolar analysis, conflict matrix.

## Day 2 Ecosystems and Processes - Studland Sand Dunes

The students will visit Studland Bay where they will investigate if the sand dunes at Studland follow the typical sand dune transect. This will also present an opportunity to collect data for their NEAs if appropriate. The group will also observe the conflicts of users and management strategies in place, evaluating their effectiveness.

Techniques: Transect profiles, vegetation survey, abiotic factors, management evaluation, conflict matrix.

## Coastal Landscape Development - Old Harry Rocks

From Studland Bay, the group will walk to the fantastic local landmark of Old Harry Rocks. Once there, they will complete field sketches and discuss the geology of the area and how it has affected the features present. Walking back to Swanage, students will discuss the land-use visible from the top of the hill.

Techniques: Field Sketch.

## Day 3 Changing Places - Swanage

Students will investigate Swanage town and how opinion of it has changed following through its history. Techniques will be carried out along land use transects following several routes into town.. This data can be collected and used for their NEAs if appropriate.

Techniques: Questionnaires, environmental quality index, index of decay, traffic count, pedestrian count, static survey, land use transect.